

but justifying his own remark,—“It is probable that many of the species here indicated may have a much more extended range.”

Species, according to Mr. Gray's Table, confined to the southern half of the kingdom, all of which I have found at York, during my residence there :—

Paludina vivipara.

———— *achatina*, near Doncaster.

Bithinia ventricosa.

Neretina fluviatilis. Dorsetshire is mentioned, on Montagu's authority, as the western limit of this shell, but I have taken it in the river Exe, and known it to be found in the south of Ireland.

Planorbis corneus.

Cyclas rivicola, mentioned as almost confined to the Thames, but I have taken it abundantly at York, and I have it also from Lancashire.

Unio tumidus, near York.

Species enumerated as being only observed in the north, but also found to my knowledge in the south :—

Helix lamellata, abundant near Cork.

Zonites purus, near Cork.

———— *excavatus*, near Cork.

METEOROLOGICAL OBSERVATIONS FOR MAY, 1840.

Chiswick.—May 1. Slight haze : fine. 2—4. Hot and dry with easterly wind. 5. Overcast. 6, 7. Slight haze. 8. Heavy showers : fine. 9. Rain with sultry intervals. 10. Cloudy : sultry. 11. Drizzly. 12. Overcast. 13. Rain : sultry. 14. Cloudy and fine. 15. Heavy rain with thunder. 16. Cloudy : showery : hail shower at 12 $\frac{1}{4}$ P.M. 17. Rain. 18. Cloudy and fine : rain. 19, 20. Cloudy and cold. 21. Clear and cold. 22. Overcast. 23. Clear and fine. 24. Overcast : rain. 25. Cloudy. 26. Rain. 27—30. Very fine. 31. Hot and dry : cloudless.

Boston.—May 1. Cloudy. 2—4. Fine. 5, 6. Cloudy. 7, 8. Cloudy : rain early A.M. : rain P.M. 9. Rain : rain early A.M. 10. Cloudy : rain early A.M. 11. Rain : rain early A.M. 12. Cloudy : rain early A.M. 13. Rain. 14. Cloudy : rain with thunder and lightning P.M. 15. Rain. 16, 17. Cloudy : rain A.M. and P.M. 18, 19. Cloudy. 20. Cloudy : rain P.M. 21, 22. Stormy. 23, 24. Cloudy. 25. Stormy : rain A.M. 26. Rain : rain A.M. 27. Cloudy. 28. Fine. 29. Stormy. 30, 31. Fine.

Applegarth Manse, Dumfries-shire.—May 1, 2. Beautiful day. 3. The same : Thermometer in shade 75°. 4. Very dry and warm till P.M. 5. Very droughty. 6. The same increased : cloudy. 7. Slight showers all day. 8. The same A.M. : cleared up. 9. Slight showers early A.M. 10. The same : thunder P.M. 11. Rain heavier. 12. Rain nearly all day. 13. Fair. 14. Showery P.M. : thunder. 15. Occasional showers : thunder. 16. Rain preceding night : clear day. 17. Rain in the night : fair. 18. Fresh and cool. 19. Dry and rather boisterous. 20. Dry and more moderate. 21. Very droughty : clear sky. 22. Calm and warm. 23. Showery : high wind. 24. Showery. 25. Showery, and very high wind. 26. Fresh and showery. 27. Fine A.M. : wet P.M. 28. Very wet till P.M. 29, 30. Fine growing day. 31. Variable : bright at midday : wet evening.

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